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***Facsimile Transmittal***

**DATE:** January 24, 2006  
**TO:** Mail Stop: AMENDMENT  
Commissioner for Patents  
Amendment & Response to Office Action

**ATTN:** Examiner: GHULAMALI  
Art Unit: 2637

**FAX NUMBER:** (571) 273-8300

**FROM:** David Huffaker, Attorney for Applicant  
Direct Telephone No.: (858) 845-2110  
Attorney Docket No.: 010548

**Total Number of Pages Sent:** 19 (including this transmittal cover sheet)

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**FILING BY FACSIMILE:**

<b>ATTORNEY DOCKET NO.:</b> 010548		<b>DH/ce</b>
<b>ENCLOSED ARE:</b>		
• Amendment and Response to Office Action	18 pages	
• Transmittal	1 page	
<b>APPLICANT:</b> Bjerke et al		
<b>ASSIGNEE:</b> QUALCOMM Incorporated		
<b>SERIAL NO.:</b> 10/005,104		
<b>FILED:</b> December 3, 2001		
<b>FOR:</b> ITERATIVE DETECTION AND DECODING FOR A MIMO-OFDM SYSTEM		

\*\*\*\*\*

Please contact Courtney Etnyre at (858) 658-2616 if all pages do not transmit.

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AMENDMENT TRANSMITTAL FORM

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Customer No.: 23696  
Attorney Docket No.: 010548  
In Re Application of: Bjorn Bjerke et al  
Serial Number: 10/005,104  
Filed: December 3, 2001  
Examiner: GHULAMALI  
Group Art Unit: 2637

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Dear Sir:

Transmitted herewith for filing is a Response to Office Action in the above identified application.

CLAIMS	(a) Number Remaining After Amendment	(b) Highest Number Previously Paid For	(c) Extra Claims	Large Entity Fee	Fee Paid
Total*	46	68	0	x \$50 =	\$0
Independent**	4	7	0	x \$200 =	\$0
Multiple Dependent Claim(s): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				\$360	\$0
EXTENSION FEES <input type="checkbox"/> One Month <input type="checkbox"/> Two Months <input checked="" type="checkbox"/> Three Months				\$120	\$
				\$450	\$
				\$1020	\$1020
TERMINAL DISCLAIMER				\$130	\$0
				TOTAL FEE	\$1020

\*If the number in column a is less than 20, enter 0 in column c.

\*\*If the number in column a is less than 3, enter 0 in column c.

4. ☐ Fee check in the amount of \$\_\_\_\_\_ is enclosed to pay for any claim and/or extension fees.
5. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$1020.  
The Commissioner is hereby authorized to charge payment of any additional fees that may be required, or credit any overpayment to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
6. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: January 24, 2006

Signature:

*David Huffaker*  
DAVID HUFFAKER, Reg. No. 56,771  
Phone No. (858) 845-2110

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 658-5787  
Facsimile: (858) 658-2502

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

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Date: January 24, 2006

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01/26/2006 MBINAS 00000039 170026 10005104

Depositor's Name: Courtney Smyre  
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(TRANSMISSION VER 1.13-04/30/04)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE JAN 25 2006

In Re Application of )  
Bjerke et al ) For: Iterative Detection and Decoding  
Serial No. 10/005,104 ) for a MIMO-OFDM System  
Examiner: Qutbuddin Ghalamali )  
Filed: December 3, 2001 ) Group No. 2637

**RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Office Action dated July 25, 2005 please amend the above-identified application as indicated below.

Amendments to the Claims begin on page 2.

Remarks begin on page 10.

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**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

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